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Reviewer: Anne Corrigan

Timestamp: [year=2009; month=1; day=2; hr=10; min=55; sec=54; ms=487;]

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Application No: 10537228 Version No: 3.0

Input Set:

Output Set:

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Finished: 2008-12-19 15:45:54.907
Elapsed: 0 hr(s) 0 min(s) 3 sec(s) 420 ms
Total Warnings: 21
Total Errors: 0
No. of SeqIDs Defined: 74
Actual SeqID Count: 74

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Input Set:

Output Set:

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Total Warnings: 21
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Error code Error Description

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<150> PCT/GB03/05334

<151> 2003-12-05

<150> US 60/433,925

<151> 2002-12-17

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<170> PatentIn version 3.3

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<212> PRT
<213> Mus musculus

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20 25 30

Gln Gln Ile Leu Gln Leu Gln Gln Leu Gln Gln Ser Pro Pro Gln
35 40 45

Ala Ser Leu Ser Ile Pro Val Ser Arg Gly Leu Pro Gln Gln Ser Ser
50 55 60

Pro Gln Gln Leu Leu Ser Leu Gln Gly Leu His Ser Thr Ser Leu Leu
65 70 75 80

Asn Gly Pro Met Leu Gln Arg Ala Leu Leu Leu Gln Gln Leu Gln Gly
85 90 95

Leu Asp Gln Phe Ala Met Pro Pro Ala Thr Tyr Asp Gly Ala Ser Leu
100 105 110

Thr Met Pro Thr Ala Thr Leu Gly Asn Leu Arg Ala Phe Asn Val Thr
115 120 125

Ala Pro Ser Leu Ala Ala Pro Ser Leu Thr Pro Pro Gln Met Val Thr
130 135 140

Pro Asn Leu Gln Gln Phe Phe Pro Gln Ala Thr Arg Gln Ser Leu Leu
145 150 155 160

Gly Pro Pro Pro Val Gly Val Pro Ile Asn Pro Ser Gln Leu Asn His
165 170 175

Ser Gly Arg Asn Thr Gln Lys Gln Ala Arg Thr Pro Ser Ser Thr Thr
180 185 190

Pro Asn Arg Lys Asp Ser Ser Ser Gln Thr Val Pro Leu Glu Asp Arg
195 200 205

Glu Asp Pro Thr Glu Gly Ser Glu Glu Ala Thr Glu Leu Gln Met Asp
210 215 220

Thr Cys Glu Asp Gln Asp Ser Leu Val Gly Pro Asp Ser Met Leu Ser
225 230 235 240

Glu Pro Gln Val Pro Glu Pro Glu Pro Phe Glu Thr Leu Glu Pro Pro
245 250 255

Ala Lys Arg Cys Arg Ser Ser Glu Glu Ser Thr Glu Lys Gly Pro Thr
260 265 270

Gly Gln Pro Gln Ala Arg Val Gln Pro Gln Thr Gln Met Thr Ala Pro
275 280 285

Lys Gln Thr Gln Thr Pro Asp Arg Leu Pro Glu Pro Pro Glu Val Gln

290	295	300
Met Leu Pro Arg Ile Gln Pro Gln Ala Leu Gln Ile Gln Thr Gln Pro		
305	310	315
		320
Lys Leu Leu Arg Gln Ala Gln Thr Gln Thr Ser Pro Glu His Leu Ala		
325	330	335
Pro Gln Gln Asp Gln Val Glu Pro Gln Val Pro Ser Gln Pro Pro Trp		
340	345	350
Gln Leu Gln Pro Arg Glu Thr Asp Pro Pro Asn Gln Ala Gln Ala Gln		
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Thr Gln Pro Gln Pro Leu Trp Gln Ala Gln Ser Gln Lys Gln Ala Gln		
370	375	380
Thr Gln Ala His Pro Gln Val Pro Thr Gln Ala Gln Ser Gln Glu Gln		
385	390	395
		400
Thr Ser Glu Lys Thr Gln Asp Gln Pro Gln Thr Trp Pro Gln Gly Ser		
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Val Pro Pro Pro Glu Gln Ala Ser Gly Pro Ala Cys Ala Thr Glu Pro		
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Gln Leu Ser Ser His Ala Ala Glu Ala Gly Ser Asp Pro Asp Lys Ala		
435	440	445
Leu Pro Glu Pro Val Ser Ala Gln Ser Ser Glu Asp Arg Ser Arg Glu		
450	455	460
Ala Ser Ala Gly Gly Leu Asp Leu Gly Glu Cys Glu Lys Arg Ala Gly		
465	470	475
		480
Glu Met Leu Gly Met Trp Gly Ala Gly Ser Ser Leu Lys Val Thr Ile		
485	490	495
Leu Gln Ser Ser Asn Ser Arg Ala Phe Asn Thr Thr Pro Leu Thr Ser		
500	505	510
Gly Pro Arg Pro Gly Asp Ser Thr Ser Ala Thr Pro Ala Ile Ala Ser		
515	520	525

Thr Pro Ser Lys Gln Ser Leu Gln Phe Phe Cys Tyr Ile Cys Lys Ala
530 535 540

Ser Ser Ser Ser Gln Gln Glu Phe Gln Asp His Met Ser Glu Ala Gln
545 550 555 560

His Gln Gln Arg Leu Gly Glu Ile Gln His Ser Ser Gln Thr Cys Leu
565 570 575

Leu Ser Leu Leu Pro Met Pro Arg Asp Ile Leu Glu Lys Glu Ala Glu
580 585 590

Asp Pro Pro Pro Lys Arg Trp Cys Asn Thr Cys Gln Val Tyr Tyr Val
595 600 605

Gly Asp Leu Ile Gln His Arg Arg Thr Gln Glu His Lys Val Ala Lys
610 615 620

Gln Ser Leu Arg Pro Phe Cys Thr Ile Cys Asn Arg Tyr Phe Lys Thr
625 630 635 640

Pro Arg Lys Phe Val Glu His Val Lys Ser Gln Gly His Lys Asp Lys
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Ala Gln Glu Leu Lys Thr Leu Glu Lys Glu Thr Gly Ser Pro Asp Glu
660 665 670

Asp His Phe Ile Thr Val Asp Ala Val Gly Cys Phe Glu Ser Gly Gln
675 680 685

Glu Glu Asp Glu Asp Asp Glu Glu Glu Glu Glu Gly Glu Ile
690 695 700

Glu Ala Glu Glu Glu Phe Cys Lys Gln Val Lys Pro Arg Glu Thr Ser
705 710 715 720

Ser Glu Gln Gly Lys Gly Ser Glu Thr Tyr Asn Pro Asn Thr Ala Tyr
725 730 735

Gly Glu Asp Phe Leu Val Pro Val Met Gly Tyr Val Cys Gln Ile Cys
740 745 750

His Lys Phe Tyr Asp Ser Asn Ser Glu Leu Arg Leu Ser His Cys Lys
755 760 765

Ser Leu Ala His Phe Glu Asn Leu Gln Lys Tyr Lys Ala Lys Asn Pro
770 775 780

Ser Pro Pro Pro Thr Arg Pro Val Ser Arg Lys Cys Ala Ile Asn Ala
785 790 795 800

Arg Asn Ala Leu Thr Ala Leu Phe Thr Ser Ser His Gln Pro Ser Pro
805 810 815

Gln Asp Thr Val Lys Met Pro Ser Lys Val Lys Pro Gly Ser Pro Gly
820 825 830

Leu Pro Pro Pro Leu Arg Arg Ser Thr Arg Leu Lys Thr
835 840 845

<210> 27
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<213> Mus musculus

<400> 27

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Asp Gly Ala Ser Leu Thr Met Pro Thr Ala Thr Leu Gly Asn Leu Arg
35 40 45

Ala Phe Asn Val Thr Ala Pro Ser Leu Ala Ala Pro Ser Leu Thr Pro
50 55 60

Pro Gln Met Val Thr Pro Asn Leu Gln Gln Phe Phe Pro Gln Ala Thr
65 70 75 80

Arg Gln Ser Leu Leu Gly Pro Pro Pro Val Gly Val Pro Ile Asn Pro
85 90 95

Ser Gln Leu Asn His Ser Gly Arg Asn Thr Gln Lys Gln Ala Arg Thr

100	105	110
Pro Ser Ser Thr Thr Pro Asn Arg Lys Thr Val Pro Leu Glu Asp Arg		
115	120	125
Glu Asp Pro Thr Glu Gly Ser Glu Glu Ala Thr Glu Leu Gln Met Asp		
130	135	140
Thr Cys Glu Asp Gln Asp Ser Leu Val Gly Pro Asp Ser Met Leu Ser		
145	150	155
Glu Pro Gln Val Pro Glu Pro Phe Glu Thr Leu Glu Pro Pro		
165	170	175
Ala Lys Arg Cys Arg Ser Ser Glu Glu Ser Thr Glu Lys Gly Pro Thr		
180	185	190
Gly Gln Pro Gln Ala Arg Val Gln Pro Gln Thr Gln Met Thr Ala Pro		
195	200	205
Lys Gln Thr Gln Thr Pro Asp Arg Leu Pro Glu Pro Pro Glu Val Gln		
210	215	220
Met Leu Pro Arg Ile Gln Pro Gln Ala Leu Gln Ile Gln Thr Gln Pro		
225	230	235
Lys Leu Leu Arg Gln Ala Gln Thr Gln Thr Ser Pro Glu His Leu Ala		
245	250	255
Pro Gln Gln Asp Gln Val Pro Thr Gln Ala Gln Ser Gln Glu Gln Thr		
260	265	270
Ser Glu Lys Thr Gln Asp Gln Pro Gln Thr Trp Pro Gln Gly Ser Val		
275	280	285
Pro Pro Pro Glu Gln Ala Ser Gly Pro Ala Cys Ala Thr Glu Pro Gln		
290	295	300
Leu Ser Ser His Ala Ala Glu Ala Gly Ser Asp Pro Asp Lys Ala Leu		
305	310	315
Pro Glu Pro Val Ser Ala Gln Ser Ser Glu Asp Arg Ser Arg Glu Ala		
325	330	335

Ser Ala Gly Gly Leu Asp Leu Gly Glu Cys Glu Lys Arg Ala Gly Glu
340 345 350

Met Leu Gly Met Trp Gly Ala Gly Ser Ser Leu Lys Val Thr Ile Leu
355 360 365

Gln Ser Ser Asn Ser Arg Ala Phe Asn Thr Thr Pro Leu Thr Ser Gly
370 375 380

Pro Arg Pro Gly Asp Ser Thr Ser Ala Thr Pro Ala Ile Ala Ser Thr
385 390 395 400

Pro Ser Lys Gln Ser Leu Gln Phe Phe Cys Tyr Ile Cys Lys Ala Ser
405 410 415

Ser Ser Ser Gln Gln Glu Phe Gln Asp His Met Ser Glu Ala Gln His
420 425 430

Gln Gln Arg Leu Gly Glu Ile Gln His Ser Ser Gln Thr Cys Leu Leu
435 440 445

Ser Leu Leu Pro Met Pro Arg Asp Ile Leu Glu Lys Glu Ala Glu Asp
450 455 460

Pro Pro Pro Lys Arg Trp Cys Asn Thr Cys Gln Val Tyr Tyr Val Gly
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Asp Leu Ile Gln His Arg Arg Thr Gln Glu His Lys Val Ala Lys Gln
485 490 495

Ser Leu Arg Pro Phe Cys Thr Ile Cys Asn Arg Tyr Phe Lys Thr Pro
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Arg Lys Phe Val Glu His Val Lys Ser Gln Gly His Lys Asp Lys Ala
515 520 525

Gln Glu Leu Lys Thr Leu Glu Lys Glu Thr Gly Ser Pro Asp Glu Asp
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His Phe Ile Thr Val Asp Ala Val Gly Cys Phe Glu Ser Gly Gln Glu
545 550 555 560

Glu Asp Glu Asp Asp Glu Glu Glu Glu Gly Glu Ile Glu
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Ala Glu Glu Glu Phe Cys Lys Gln Val Lys Pro Arg Glu Thr Ser Ser
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Glu Gln Gly Lys Gly Ser Glu Thr Tyr Asn Pro Asn Thr Ala Tyr Gly
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Glu Asp Phe Leu Val Pro Val Met Gly Tyr Val Cys Gln Ile Cys His
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Lys Phe Tyr Asp Ser Asn Ser Glu Leu Arg Leu Ser His Cys Lys Ser
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Leu Ala His Phe Glu Asn Leu Gln Lys Tyr Lys Ala Lys Asn Pro Ser
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Pro Pro Pro Thr Arg Pro Val Ser Ar